

**I. Fill in the blanks with the most appropriate term:**

A \_\_\_\_\_ tells the story of a chemical reaction. \_\_\_\_\_ are the starting substances in the reaction while \_\_\_\_\_ are the new substances that are formed. The large numbers in front of some of the formulas are called \_\_\_\_\_. These numbers are used to \_\_\_\_\_ the equation because chemical reactions must obey the Law of \_\_\_\_\_ of Matter. The number of atoms of each element on both sides of the equation must be \_\_\_\_\_ because matter cannot be \_\_\_\_\_ or \_\_\_\_\_. When balancing equations, the only numbers that can be changed are \_\_\_\_\_; remember that \_\_\_\_\_ must never be changed in order to balance an equation.

**II. Balance the following equations:**

